

Fig. 14

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CAGCAACCCC CTTTGGGTCC CTTCCCATG TATGGAGCT CTGTTTTCAC TCTATTTCAC TCTATTAAAT CATGCAACTG CACTCTTCTG GTCCGTGTTT
 TTATGGCTC AAGCTGAGCT TTGTTTGGCC ATCCACCACT GCTGTTTGGC ACCGTACAG ACCCGTGTCT GACTTCATC CTTTGGATC CAGCAGAGTG
 TCCGCTGTGC TCTGATCCA GCACAGGCGC CCAITGGCTC TCCCATTTGG GCTAAGGCT TGCCATGTT CCTGCACGC TAAGTGCTCG GTTTCATCCT
 AATGAGCTG AACACTAGTC ACTGGTTCC ACGTTTCTCT TCCATGACCC ATGGCTTCTA ATAGACTAT AACACTCACT GCATGTGTTCA AGATTCCATT
 CCTTGAATC CGTGAGACCA AGAACCCCG GTCAGAGAAC ACAAGGTTG CCACCATGTT GGAAGCAGCC CACCACCATT TTGGAAGCAG CCGGCCACTA
 TCTTGGGAGC TCTGGGAGCA AGGACCCCG GTAACATTT GGTGACCCAG AAGGACCTG AATCGCAAC CATGAAGGA TCTCCAAAGC ATGGGAAC
 GTTCCCCCG AGGCAAAAT GCCCCTAGAA CGTATTCTGG AGAATTGGGA CCAATGTGAC ACTCAGACGC TAAGAAGAA AGGATTATTA TTCTTCTGCA
 V P P E A K M P L E R I L E N W D Q C D T Q T L R K K R F I F C S
 GTACGCGCTG GCCACAATAT CCTCTTCAAG GGAGAGAAC CTGGCTTCTCT GAGGGAAGTA TAAATTATAA CATCATCTTA CAGCTAGACC TCTTCTGTAG
 T A W P Q Y P L Q G R E T W L P E G S I N Y N I I L Q L D L F C R
 AAGGAGGC AATGAGTG AAGTGCCATA TGTGCBACT TTCTTTTCAT TAAGAGACAA CTCACAANTA TGTAAAAGT GTGTTTATG CCTACACGA
 K E G K W S E V P Y Q T F S L R D N S Q L C K K C G L C P T G
 AGCCTCAGA GTCCACCTCC CTACCCAGC GTCCCTCCC CGACTCTTC CTCACCTAAT AAGGACCCCT CTTTAACCCA AACGGTCCAA AAGGAGATAG
 S P Q S P P P Y P S V P S T P S S T N K D P P L T Q T V Q K E I D
 ACAAGGGT AAACAATGAA CCAAGAGTG CCAATATTC CCGATTATCC CCGCTCCAG CAGTGAGAG AGGAATTC GGCCAGCCA GAGTGCGTGT
 K G V N N E P K S A N I P R L C P L Q A V R G G E F G P A R V P V
 ACCTTTCT CTCTCAGACT TAAAGCAAT TAAATAGAC CTAGGTAAT TCTCAGATAA CCTGACGCG TATATTGATG TTTTACAGG GTTAGGACAA
 P F S L S D L K Q I K I D L G K F S D N P D G Y I D V L Q G L G Q
 TCCTTTGATC TGACATGAG AGATATAAG TTRACTACTAA ATCAGACACT AACCCCAAT GAGAGAAGTG CCGCTGTAAC TGCAGCCCGA GAGTTTGGCG
 S F D L T W R D I M L L L N Q T L T P N E R S A A V T A A R E F G D
 ATCTTGTGA TCTCAGTCAG GCCACAATA GGATGACAC AGAGAAAGA ACACCTCCA CAGGCCQCA GCGATTCCC AGTGTAGACC CTCATTGGGA
 L W Y L S Q A N N R M T T E E R T T P T G Q Q A V P S V D P H W D
 CACAGAATCA GAACATGAG ATTTGTGCA CAACATTG CTAACATTG TGCTAGAGG ACTGAGGAA ACTGAGAA AGCCTATGAA TTACTCAATG
 T E S E H G D W C H K H L L T C V L E G L R K T R K K P M N Y S M
 ATGTCCACTA TAACACAGG AAAGAAGAA AATCTTACTG CTTTCTGGA CAGACTAAG GAGGCTTGA GGAAGCATAC CTCCTCTCA CTGACTCTA
 M S T I T Q G K E E N L T A F L D B L R E A L R K H T S L S P D S I
 TTGAAGGCA ACTAATCTTA AAGATAAGT TTATCACTCA GTACGTGCA GACATTAGAA AAAACTTCA AAGTCCGTC TTAGGCTCG AACAAACTT
 E G Q L I L K D K F I T Q S A A D I R K K L Q K S V L G S E Q N L
 AGAAACCTTA TTGAACCTGG CAACCTCGT TTTTATAT AGAGATCAGG AGGACGAGC AGAATGGGAC AAATGGGATA AAAAAGG GGCACCGCT
 E T L L N L A T S V F Y N R D Q E E Q A E W D K W D K K R A T A
 TTAGTCATGG CCCTCAGCA AGCGGACTTT GGAGGCTTG GAAAGGAA AGCTGGGCA AATAGGAGC CTAATAGGCG TTGCTTCCAG TCGGCTCTAC
 L V M A L R Q A D F G S G K G K S W / A N R K P N R A C F Q G L Q
 AAGGACACTT TAAAAAGAT TGTCCAATA GAATAAGCC GCGCTTGT CCGTCCCTT TTAGTCAAGG GAATCACTGG AAGGCCACT GCCCAGGG
 G H F K K D C P N R N K P P P C / R P C P L R Q G N / H W K A H C P R G
 ATCAAGATAC TCTGAGTCAG AAGCCATTAA CCAGATGATC CAGCAGCAGG ACTGA
 S R Y S E S E A I N Q M I Q Q Q D

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Fig. 15

100 GGACCCGTAG TATGGGGTAA TCCCTCCCGG GAACCCAGC CCCAGTACTC AGAAGAGAA ATAGAATGGG GAACCTCAG AGGACATGCT TTCTCCCT
 34 G P V V W G N P L R E T K P Q Y S E E E I E W G T S R G H G F L P S
 200 CAGGATGGCT AGCCACTGAA GAAGGAAAA TACTTTTGGT GGCAGCTAAC CATGGAAT TACTTAAAC CTTTACGAA ACCTTCCACT TAGGCATTGA
 67 G W L A T E E G K I L L L A A N Q W K L L K T L Q Q T F E L G I D
 300 TAGCACCCAT CAGATAGCCA ATCATATTAT TACTGGACCA GGCCTTTTCA AACTATCAA GCAGATAGTC AGGCGCTGTG AAGTGTGCCA AAGAAATAT
 100 S T E Q I A K S L P T G P G L P K T I K Q I V R A E V E Q R N N
 400 CCCCTGCCCT ATGCCAAGC TCCTTCAGGA GAACAAAGAA CAGGCAATTA CCCAAGAGAA GACTGGCAAC TAGATTITAT CCACATGCCA AATCACAGG
 134 P L P Y R Q A P S G E Q R T G N Y P R E D W Q L D F I H M P K S Q G
 500 GATTCACTG TCTACTAGTC TGGGTAGATA CTTTCACTGG TTGGGAGAG GCTTCCCT GTAGGACAGA AAGTTTCCAA GAGGTAATAA AGGCACCTAGT
 167 F Q C L L V W V D T F T G W A E A P P C R T E K P Q E V I K A L V
 600 TCATGAAGTA ATTCCAGAT TCGGACTTCC CTGAGGCTTA CAGAGTGACA ATGGTCTGCT TTTCAAGGCC ACAGTAACCC AGGAGTATC CCAGGCTTA
 200 H E V I P R F G L P G L Q S D N G P A F K A T V T Q G V S Q A L
 700 GGTATAGAAT ATCACTTACA CTGCACCTAG AGGCCACAT CTTCAGGGA GGTGAGAA ATGAATACAC TCAGGAGACA TCATAACAAAG CTAAACCCAGG
 234 G I E Y H L H C T R P Q S S G K V E K M K T L K R H L N K L T Q E
 800 AACCACCT CGATGGTCT GCTGTGTGT CTATAGCCTT ACTAGAAATC CAUAATCTC CCCAAGGCC AGGACTTAGC CCATACAGAA TCGTGTATGG
 267 T H L A W S A L L S I A L L R I Q N S P Q K A G L S P Y R M L Y G
 900 AGGTCTCTC CTAAACCATG ACCTTCTGCT TGACCAAGAG ATGGCCAACT TAGTTCAGA CATCACCTCC TTAGCCAAAT ATCAACAAGT TCTTAAACA
 300 R S F L T W D L L L D Q E M A N L V A D I T S L A K Y Q Q V L K T
 1000 TTACAAGAG CTTGTCCCG AGAGGAGGA AAGAAATAT TCCACCTCG TGTATGTA TTAGTCAAGT CCCTTCCCTC TAATGCCCA TCCTAGACA
 334 L Q G A C P R E E G K E I F H P G V M V L V K S L P S M S P S L D T
 1100 CATCTGGG AGGACCTTAC CCAGTCATTT TATCTATCCC AACTGCGTT AAGTGGCTG GAGTGGAGTC TTGATACAT CACACTCGAA TCAAACCTG
 367 S W G G P Y P V I L S I P T A V K V A G V E S W I H N T R I K P W
 1197 GATCTGCC AGGAACTCG AATATCCAGG GAACACGCT AGCTATTTCT TTGAATCTT AGAGGATCTG TCGCTGCTCT TCAGGCAACA ACCGTGA
 398 I L P K E P E N P G D N A S Y F F E P L E D L C L L P K Q Q P

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Fig. 16

100 GAGAGGCA CCGTAGGTC CCGAGGAG AGAGAGGCA GTAGAGGCA AGAGAGGCA GTAGAGGCA GAGAGAGGCA
 ENS S I S W L A E V G K D S K K . R K K G E S Q R K K R E E E T
 200 GAGAGGCA CCGTAGGAG GAGAGGAG GTAGAGGCA AGAGAGGTC CCGTAGGTC GTAGAGGTC GTAGAGGTC
 K K N L K R E R S S K E K T V Y P I P L K A R V N F C L P S Q G I
 300 ACTGTCTA TCGAGGAT CAGGAGAT CCGTCTCC ACTAGGCA CAGGAGGAG AGAGAGGTC GTAGAGGTC CAGGAGGTC
 F F L C G T S T Y I C L P T N W T G T R T L V F L S P N I N I A P
 400 GAGAGGCA CCGTAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 G N Q T L L V P V K A K V R Q C R A I Q L I S L F I G L G M A T A T
 500 GAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 G T G I A G L S T S L S Y Y H T L S K N F S D S L Q E I M K S I L
 600 TACTGTCA TCGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 T L Q S Q L D S L A A M T L Q N R R G P H L L T A E K G G L C T F
 700 TTAGGAG AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 L G E C C F Y T N Q S G I V R D A T W H L Q E R A S D I R Q C L S
 800 GAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 N S Y T N L W S W A T W L L P F L G P M A A I L L L L T F G P C I
 900 TTAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 F K L L V K F V S S R I E A I K L Q M V L Q M E P Q M S S T N N F
 1000 TTAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 Y Q G P L E R S T G T S T S L E I P L W K T L Q L Q G P F F A P I Q
 1100 AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 Q E V A R A V I G Q I P N S S W G V L F R G G I E E . A C W Q P
 1200 TTAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 H S P R W I S V P P Q P W C P L W P C L R S P S A C H C T V G A S
 1300 TTAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 F W A G Q G R S Q L P Q L A G R Y G G R D A G G N Q G C A W R L R A
 1400 GAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 S H S S R W A W A R R A P H S G S E G L S T W A R Q M L C S T S S
 1500 GAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 L G L S C L P R G A G L R E H A A C P C L S P P P R R G F L H S P
 1600 AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 S F P D K H H P L S T V P S P I N H P R V E E C G H T A R D W Q A V
 1700 TTAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC AGAGAGGTC
 P L A A L V R D P L R E A S W A P E S G G D L E N L Y V L R D C
 TTAGGTC AGAGAGGTC
 K Y T N Q H

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